

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
-	2286	369/\$7.ccls. and ((monitor\$3 emission emit\$4) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3)))	USPAT	2004/10/26 10:00
-	2421	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/20 11:16
-	695	(369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.	USPAT	2004/10/26 10:13
-	175	(369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.)	USPAT	2004/10/20 09:07
-	1617	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/21 13:16
-	115	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/20 09:52
-	444	miyazaki-atsushi.in.	USPAT; US-PGPUB; JPO	2004/10/20 09:52
-	1	(miyazaki-atsushi and yamaguchi-hiroyuki).in.	USPAT; US-PGPUB; JPO	2004/10/20 09:54
-	787	(yamaguchi-hiroyuki).in.	USPAT; US-PGPUB; JPO	2004/10/20 09:54
-	2	(miyazaki-atsushi and inokuchi-chikashi).in.	USPAT; US-PGPUB; JPO	2004/10/20 09:55
-	1701	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/21 13:16
-	116	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/20 10:50

-	18	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))))) and (gap)	USPAT	2004/10/20 11:14
-	2	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))))) and (gap with test\$3)	USPAT	2004/10/20 11:15
-	18	369/\$7.ccls. and (gap with (monitor\$3 test\$3) with (writ\$3 recording recorded))	USPAT	2004/10/20 11:16
-	7	(369/\$7.ccls. and (gap with (monitor\$3 test\$3) with (writ\$3 recording recorded))) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/20 11:16
-	4	("5067117" "5274621" "5321679" "5359589").PN.	USPAT	2004/10/20 11:35
-	1	4845720.PN.	USPAT	2004/10/20 11:35
-	0	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((test\$3) with (set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4))))))	USPAT	2004/10/20 14:12
-	0	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((test\$3) with (set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (set\$4 control\$4 adjust\$5 chang\$3 driv\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4))))))	USPAT	2004/10/20 14:02

-	0	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((test\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4))))	USPAT	2004/10/20 14:02
-	89	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4))))	USPAT	2004/10/20 14:04
-	42	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (set\$4 control\$4 adjust\$5 chang\$3 driv\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4))))	USPAT	2004/10/20 17:41
-	25	(369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4)))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.)	USPAT	2004/10/20 14:04

-	14	(369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (set\$4 control\$4 adjust\$5 chang\$3 driv\$3) with (power current emission emitting) with (laser ((light radiation) near2 (source emit\$4)))))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.)	USPAT	2004/10/20 14:04
-	1	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((test\$3 calibrat\$3 opc) with (set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording recorded writ\$3) with (set\$4 control\$4 adjust\$5 chang\$3) with (power current) with (laser ((light radiation) near2 (source emit\$4))))	USPAT	2004/10/20 15:13
-	2	5712839.URPN.	USPAT	2004/10/20 15:12
-	7	369/\$7.ccls. and (((laser ((light radiation) near2 (source emit\$4))) with ((current near3 driv\$3) near2 ((intensity power) near3 (emission emit\$4 output\$4)))) same temperature)	USPAT	2004/10/20 15:17
-	5	369/\$7.ccls. and (((laser ((light radiation) near2 (source emit\$4))) with ((current near3 driv\$3) near2 ((intensity power) near3 (emission emit\$4 output\$4))) with temperature)	USPAT	2004/10/20 15:17
-	9	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((recording writ\$3) near4 ((power intensity current) near2 (control\$4 adjust\$5 compensat\$4 correct\$4))))	USPAT	2004/10/20 15:53
-	44	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same (temperature)) and (((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/20 16:15

-	4	(369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same (temperature)) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.)	USPAT	2004/10/20 16:34
-	6	5805559.URPN.	USPAT	2004/10/20 16:33
-	1	6272100.pn.	USPAT	2004/10/20 17:14
-	45	369/47.52.ccls.	USPAT	2004/10/20 17:18
-	21	369/\$7.ccls. and (((first second) near3 (control\$4)) with (opc ((recording writ\$3) near3 (test\$3 calibrat\$4)))) and (((first second) near3 control\$4) with (recording))	USPAT	2004/10/20 17:34
-	10	369/\$7.ccls. and (((second) near3 (control\$4)) with (opc ((recording writ\$3) near3 (test\$3 calibrat\$4)))) and (((first) near3 control\$4) with (recording))	USPAT	2004/10/20 17:34
-	15	369/\$7.ccls. and (((first) near3 (control\$4)) with (opc ((recording writ\$3) near3 (test\$3 calibrat\$4)))) and (((second) near3 control\$4) with (recording))	USPAT	2004/10/20 17:34
-	0	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) same ((power intensity current) with ((first second) adj3 control\$4)) with (test\$3 calibrat\$3 opc))	USPAT	2004/10/20 17:43
-	1	369/\$7.ccls. and (((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((power intensity current) with ((first second) adj3 control\$4)) with (test\$3 calibrat\$3 opc))	USPAT	2004/10/20 17:55
-	988	369/\$7.ccls. and ((switch\$3 select\$3) with ((recording writ\$3) near3 (control\$4)))	USPAT	2004/10/20 17:56
-	106	369/\$7.ccls. and ((switch\$3 select\$3) with ((recording writ\$3) near3 (control\$4))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.)	USPAT	2004/10/20 17:57
-	15	369/\$7.ccls. and ((switch\$3 select\$3) with ((recording writ\$3) near3 (control\$4))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/20 17:57

-	15	((switch\$3 select\$3) with ((recording writ\$3) near3 (control\$4))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/20 17:58
-	22	((switch\$3 select\$3) with ((recording writ\$3) near3 (control\$4 mode))) and ((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/20 18:22
-	10	("3999009" "4460989" "4644516" "4759005" "4956833" "5097464" "5148421" "5235581" "5255262" "5307336").PN.	USPAT	2004/10/20 18:18
-	75	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and ((opc test\$3 calibrat\$3) near2 (control\$4 driver))	USPAT	2004/10/20 18:23
-	67	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and ((opc test\$3 calibrat\$3) near2 (control\$4 driver)) and ((recording writ\$3) near2 (control\$4 driver))	USPAT	2004/10/20 18:23
-	12	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((opc test\$3 calibrat\$3) near2 (control\$4 driver)) and ((recording writ\$3) near2 (control\$4 driver))	USPAT	2004/10/20 18:24
-	2	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((opc test\$3 calibrat\$3) near2 (controlling controller driver driving)) and ((recording writ\$3) near2 (controlling controller driver driving))	USPAT	2004/10/20 18:24
-	2245	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/21 08:47

-	1	(369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((recording writ\$3 first) adj (controller controlling)) same ((calibrating calibration power intensity current second adjust\$5 correct\$3) adj (controller controlling))	USPAT	2004/10/21 08:52
-	3	"1" and ((recording writ\$3 first) adj (controller controlling)) same ((calibrating calibration opc) with (power intensity current) with (adjust\$5 correct\$3 set\$4 optimiz\$5 control\$4) with (record\$3 writ\$3))	USPAT	2004/10/21 13:17
-	1701	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/21 13:16
-	2137	369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/21 13:17
-	0	(369/\$7.ccls. and ((monitor\$3 emission emit\$4 incident) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near5 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((recording writ\$3 first) adj (controller controlling)) same ((calibrating calibration opc) with (power intensity current) with (adjust\$5 correct\$3 set\$4 optimiz\$5 control\$4) with (record\$3 writ\$3))	USPAT	2004/10/21 13:17
-	5249	369/\$7.ccls. and ((select\$4 switch\$4) near4 (control\$5))	USPAT	2004/10/26 10:01
-	416	369/\$7.ccls. and ((select\$4 switch\$4) near4 (control\$5)) and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))	USPAT	2004/10/26 10:11
-	695	(369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.	USPAT	2004/10/26 10:13

-	27	((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and (((select\$4 switch\$4) near4 (control\$5)) same ((laser ((radiation light) near2 (source emit\$4))) near4 (driv\$3 control\$5 power intensit\$3 current))) and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/26 10:52
-	4413	(lpf (((low adj pass) low\$1pass) adj filter\$3)) with averag\$3	USPAT	2004/10/26 10:53
-	178	369/\$7.ccls. and ((lpf (((low adj pass) low\$1pass) adj filter\$3)) with averag\$3)	USPAT	2004/10/26 10:53
-	101	369/\$7.ccls. and ((lpf (((low adj pass) low\$1pass) adj filter\$3)) near3 averag\$3)	USPAT	2004/10/26 11:56
-	6	369/\$7.ccls. and ((lpf (((low adj pass) low\$1pass) adj filter\$3)) with averag\$3 with monitor\$3)	USPAT	2004/10/26 11:57
-	129	369/\$7.ccls. and (((select\$4 switch\$4) near4 (control\$5)) same ((laser ((radiation light) near2 (source emit\$4))) near4 (driv\$3 control\$5 power intensit\$3 current))) and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/26 12:28
-	102	(369/\$7.ccls. and (((select\$4 switch\$4) near4 (control\$5)) same ((laser ((radiation light) near2 (source emit\$4))) near4 (driv\$3 control\$5 power intensit\$3 current))) and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))))) not (((369/47.5-47.53 369/53.22 369/53.26-53.27).ccls.) and (369/\$7.ccls. and (((select\$4 switch\$4) near4 (control\$5)) same ((laser ((radiation light) near2 (source emit\$4))) near4 (driv\$3 control\$5 power intensit\$3 current))) and ((monitor\$3 emission emit\$4 incident front) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation)))) and ((reflect\$3 return\$3 transmitted) near3 (photo\$1diode\$1 photo\$1detect\$3 ((receiv\$3 detect\$3) near2 (light photo radiation))))))	USPAT	2004/10/26 12:28
-	13	369/\$7.ccls. and ((lpf (((low adj pass\$3) low\$1pass\$3) adj filter\$3)) with (phase adj delay))	USPAT	2004/10/26 13:57
-	5	369/\$7.ccls. and (opc same apc)	USPAT	2004/10/26 16:53
-	173	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current)) with (reduc\$4 lower\$3 reproduc\$4 read\$3) with (seek\$3 jump\$3 shift\$3))	USPAT	2004/10/26 16:59

-	47	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3 shift\$3)))	USPAT	2004/10/26 17:31
-	27	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current level)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3 shift\$3)) and (eras\$3 with (power intensity current level)))	USPAT	2004/10/26 17:04
-	1	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current level)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3)) and (eras\$3 with (power intensity current level)))	USPAT	2004/10/26 17:09
-	1	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current level)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3 (shift\$3 near2 track))) and (eras\$3 with (power intensity current level)))	USPAT	2004/10/26 17:10
-	2	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) with (power intensity current level)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3 (shift\$3 near2 track))) and (eras\$3 with (power intensity current level)))	USPAT	2004/10/26 17:10
-	9	369/\$7.ccls. and (((laser ((light radiation) adj (source emit\$4))) near4 (power intensity current)) with (reduc\$4 lower\$3 chang\$3 adjust\$4) with (reproduc\$4 read\$3) with (seek\$3 jump\$3 (track near3 shift\$3)))	USPAT	2004/10/26 17:31
-	2	PCT/JP88/00196	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/10/26 17:29
-	4	369/\$7.ccls. and ((seek\$3 jump\$3 (track near3 shift\$3)) with ((recording writ\$3) near2 (power intensity current mode)) with ((reproduc\$4 read\$3) near2 (power intensity current mode)) with (reduc\$4 lower\$3 adjust\$3 chang\$3 switch\$3 select\$3)) and (eras\$3 near4 (power intensity current mode)))	USPAT	2004/10/26 17:35